

# FLAME DETECTION SYSTEM

## IRIS500 MAD Ex



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### KEY FEATURES

- Flame signal amplifier
- Execution: Ex d IIC T5 Gb
- T. Amb.: -20°C to +55°C
- Degree of protection: IP66
- Input signal: from scanner
- Output signal: SPDT contact 0-20mA or 0-3VDC
- Analog+digital flame straight signal
- Two channels selected by external switch
- Two led indication for UV tube warning and failure
- Drop out time adjustable from 1 to 6 seconds
- Discrimination between adjacent and frontal flames by using digital card reply
- Mounting type: Ex d box with windows
- Power supply: 230V 50Hz/60Hz, 115V 50Hz/60Hz, 24VDC
- Area classification: zone 1 / zone 2
- Fail safe type

### USE

- Suitable to be used with IRX2 flame scanners

### APPLY TO

- Boilers
- Burners

### MANUFACTURER

Combustion and Energy Srl  
Part number: IRIS500 MAD Ex

